Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

DBR No
Date...../...../2020
DATED

No. ***First & Final***

Division: BMP, Project, Yelahanka Zone Sub-Division: **BBMP, Project, Yelahanka Zone**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Work Code: **005-20-000003**

Schedule Docket No. Head of Account: Est.Cost: **99.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Improvements CC Roads and CC Drains works at Kogilu Layout in Ward No.05 Byatarayanapura Sub Division**

Name of Contractor and Full Address : *M/s Executive Engineer, KRIDL, Bangalore,*

Reference to Agreement No. **EE(Project)/Ynk Zone/WO/67/2019-20,** Date: **06.11.2019**

Certified that the measurements were taken by me on 15/2/2020 and recorded of Pages **421801-421813** of measurement Book No. **14/19-20** and that the work is satisfactorily executed.

Assistant Executive Engineer, Byatarayanapura Sub-division KRIDL, BBMP Bangalore

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 15/2/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Exe. Engineer, Project Division, Bangalore 15/2/2020

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Total Amt RS 9699774-00
2)	Deduct amount to be held in reserve being .....percent Rs.....	Deduct 193995-00
3)	" Balance	
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....Amount	IT 2% 96998-00
		W.Cess 1% 9700-00
		0.1% BF 970-00
		LR 80808-00
		CGST 866054-00
		SGST 866054-00
		5% FSD 484989-00
	adjusted towards cash advance recovery of	Adjustment 10,39,700-00
b)	Payments now made: cost store or other material supplied. recovery of amount creditable to this/other work. Amount paid on this bill Cheque / Cash.	net bill Amt 8660074-00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Assistant Executive Engineer, Byatarayanapura Sub-division KRIDL, BBMP Bangalore

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Audited & Admitted for Rs.....

Dr. 9699774/-

.....

Witness

1.

2.

Stamp

Dr. 8660,074/- by Cheque

and Rs. 10,39,700/- by Adjustment

Assistant Executive Engineer, Byatarayanapura Sub-division KRIDL, BBMP Bangalore

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Accts. Supdt. Project Division B.B.M.P.

Exe. Engineer Project Division B.B.M.P 20/2/2020

Executive Engineer

Initials of Officer making payment

Sl. No.	Descriptions	evious M Qty.
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and directions of engineer in charge of the work	-
2	Removing B.S Slab of Drain and stacking 7.5MM Thick, complete as per specifications and directions of engineer in charge of the work	-
3	Refixing stone slabs of drains and pointing in C.M (1:3) complete as per specifications and directions of engineer in charge of the work	-
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick complete as per specifications and directions of engineer in charge of the work	-
5	KSRRB M600-3. Construction of Rolled Cement Concrete mix 1:4:8 OPC cement @180kgs, with 25mm and down size graded granite metal coarse aggregate at 0.85cum and fine aggregates @0.57cum base course with coarse and fine aggregate conforming to IS:383, aggregate cement ratio 12:1 and minimum cement content of 180kg/ cum, aggregate gradation to be as per Table 600-4 after blending, mixing in batching plant at optimum moisture content, transporting to site, laying with a paver with electronic sensor, compacting with 8-10 tonnes smooth wheeled vibratory roller to achieve, the designed flexural strength, finishing and curing complete as per specifications and directions of engineer in charge of the work	-
6	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of engineer in charge of the work	-
7	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of engineer in charge of the work	-
8	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications and directions of engineer in charge of the work	-
9	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of engineer in charge of the work	-
10	KSRB 15.1.3: Providing FLush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications and directions of engineer in charge of the work	-
11	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications and directions of engineer in charge of the work	-
12	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications and directions of engineer in charge of the work	-
13	KSRRB M300-53: construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification complete as per specifications and directions of engineer in charge of the work	-
14	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of engineer in charge of the work	-

Measurement		Present Measurement			Total Upto Date		Remarks
	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
	-	1361.89	137.80	187668.00	1361.89	187668.00	
	-	445.17	104.94	46716.00	445.17	46716.00	
	-	445.17	111.30	49547.00	445.17	49547.00	
	-	117.98	742.00	87541.00	117.98	87541.00	
	-	263.87	3606.12	951547.00	263.87	951547.00	
	-	25.68	4871.76	125107.00	25.68	125107.00	
	-	19.26	5305.30	102180.00	19.26	102180.00	
	-	1996.75	309.52	618034.00	1996.75	618034.00	
	-	9.72	5627.54	54700.00	9.72	54700.00	
	-	56.77	223.66	12697.00	56.77	12697.00	
	-	275.89	5998.54	1654937.00	275.89	1654937.00	
	-	19.90	75223.96	1496957.00	19.90	1496957.00	
	-	229.03	344.50	78901.00	229.03	78901.00	
	-	20.98	2001.28	41987.00	20.98	41987.00	

15	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab complete as per specifications and directions of engineer in charge of the work	
16	Providing and fixing **RCC precast cover slab of 250mm** thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) complete as per specifications and directions of engineer in charge of the work	
17	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams. complete as per specifications and directions of engineer in charge of the work	
18	**Vaccum De- writing with vaccum pump** and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. complete as per specifications and directions of engineer in charge of the work	
19	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete as per specifications and directions of engineer in charge of the work	
20	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete as per specifications and directions of engineer in charge of the work	
21	KSRB 15-17.5: Applying priming coat over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications and directions of engineer in charge of the work	
22	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications and directions of engineer in charge of the work	
23	KSRRB M2900-2.1 Laying Reinforced cement concrete pipe NP2/ Prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement martar 1:2 but excluding excavation, protection works, backfilling and masonry works in head walls and parapet complete as per specifications. MORTH Specification No.2900 B.1200mm dia MORTH Specification NO.1000, 2300 complete as per specifications and directions of engineer in charge of the work	
24	Providing 100mm and down nominal size complete as per specifications and directions of engineer in charge of the work	
25	Providing 40mm and down nominal size complete as per specifications and directions of engineer in charge of the work	
26	Providing 20mm and down nominal size complete as per specifications and directions of engineer in charge of the work	
27	Providing fine aggregate 2.36 nominal size complete as per specifications and directions of engineer in charge of the work	
28	KSRRB M100-2. Loading and Unloading of stone boulders by manual means complete as per specification MORTH-100/chapter-1 complete as per specifications and directions of engineer in charge of the work	
		Grand Total
		12% Applicable GST
		For 3% KRIDL Charges
		Add 1% Labour Cess

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

	-	455.67	2337.00	1064901.00	455.67	1064901.00	
	-	64.20	5418.00	347836.00	64.20	347836.00	
	-	98.78	5210.96	514739.00	98.78	514739.00	
	-	658.50	72.08	47465.00	658.50	47465.00	
	-	357.60	394.32	141009.00	357.60	141009.00	
	-	1036.00	432.48	448049.00	1036.00	448049.00	
	-	139.89	53.00	7414.00	139.89	7414.00	
	-	139.89	102.82	14383.00	139.89	14383.00	
	-	30.00	5976.28	179288.00	30.00	179288.00	
	-	2.02	987.62	1995.00	2.02	1995.00	
	-	1.34	1091.43	1463.00	1.34	1463.00	
	-	1.34	1091.43	1463.00	1.34	1463.00	
	-	1.01	1054.29	1065.00	1.01	1065.00	
	-	1361.89	60.42	82285.00	1361.89	82285.00	
				8361963.51		**8361963.51**	
				1003435.62		1003435.62	
				250858.91		250858.91	
				83619.64		83619.64	
				9699878.00		**9699878.00**	

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore